

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF: MING-CHENG CHANG

SERIAL NO.: 10/718,666

FILED: November 24, 2003

FOR: DEEP TRENCH STRUCTURE AND MEMORY
DEVICE HAVING THE SAME

GROUP ART UNIT: 2811

EXAMINER: D. Kang

ATTY. REFERENCE: CHAN3232/BEU



COMMISSIONER OF PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a communication/amendment in the above-identified application.

☐ Small entity status under 37 CFR 1.9 and 1.27 is claimed.

☒ No additional fee is required.

The fee, if any, has been calculated as shown below:

Fee Basis	Number of Claims After Amendment	Highest Number Previously Paid For	Extra Claims	Small Entity	Full Fee
Total Claims		- ¹	= ³	× \$ 25 =	× \$ 50 =
Independent Claims		- ²	= ³	× \$ 100 =	× \$ 200 =
<input type="checkbox"/> First Presentation of Proper Multiple Dependent Claim				+ \$ 180 =	+ \$ 360 =
TOTAL					

¹ If less than 20 enter 20.

² If less than 3 enter 3.

³ If less than 0 enter 0.

☐ Please charge my Deposit Account Number 02-0200 in the amount of \$ _____. A duplicate copy of this sheet is attached.

☐ A check in the amount of \$ _____ is attached.

☐ The Commissioner is hereby authorized to charge any additional fees associated with this communication, including fees due under 37 CFR 1.16 and 37 CFR 1.17 or credit any overpayment to Deposit Account Number 02-0200. A duplicate copy of this sheet is attached.

☐ Also enclosed is/are:

23364

Customer Number

Phone: (703) 683-0500

DATE: April 14, 2005

Respectfully submitted,

Benjamin E. Urcia

Attorney for Applicant

Registration Number: 33,805



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of:)	<u>Group Art Unit: 2811</u>
)	
Ming-Cheng CHANG)	<u>Examiner: D. Kang</u>
)	
Serial Number: 10/718,666)	<u>Attorney Docket: CHAN3232beu</u>
)	
Filed: November 24, 2003)	<u>Confirmation No.: 1606</u>

For: Deep Trench Structure And Memory device Having The Same

AMENDMENT AND RESPONSE

Honorable Commissioner For Patents
P.O. Box 1450
Alexandria, VA. 22313-1450

Sir:

This paper is in response to the Official Action dated January 14, 2005.

Amendments to the claims are set forth on page 2.

Amendments to the abstract are set forth on page 3.

Remarks/Arguments begin on page 4.